

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KCOD	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> CODY	<u>STATE</u> WY		
<u>AIRPORT ELEVATION</u> 5102	<u>TDZE</u> 5076	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CRANY		HOZZR		TF	FB	1.00	318.34	21.53	9000
NICQE		HOZZR		TF	FB	1.00	008.51	16.07	9000
HOZZR	IAF	DUSCA	NOPT	TF	FB	1.00	311.57	7.00	8400
SEZJI	IAF	DUSCA	NOPT	TF	FB	1.00	131.39	10.56	8400
DUSCA	IF/IAF	ELYPS		TF	FB	1.00	221.49	6.05	7500
ELYPS	FAF	JACKB/6.25 NM TO RW22		TF	FB	0.30	221.42	1.20	
JACKB/6.25 NM TO RW22		COYAV/4.62 NM TO RW22		TF	FB	0.30	221.42	1.63	
COYAV/4.62 NM TO RW22		JUSIL/2.55 NM TO RW22		TF	FB	0.30	221.42	2.07	
JUSIL/2.55 NM TO RW22		RW22	MAP	TF	FO	0.30	221.42	2.55	
RW22	MAP	5740 MSL		CA			221.42		5740
5740 MSL		NICQE		DF	FO	1.00			9600

MISSED APPROACH

MAP:

LPV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 185 KIAS UNTIL NICQE) CLIMB TO 5740 THEN CLIMBING LEFT TURN TO 9600 DIRECT NICQE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE DUSCA, RT, 221.49 INBOUND, 8400 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 221.42FAF: ELYPSDIST FAF TO MAP: 7.45DIST FAF TO THLD: 7.45

4. MIN ALT: DUSCA 8400, ELYPS 7500, JACKB/6.25 NM TO RW22 7120*, COYAV/4.62 NM TO RW22 6580*, JUSIL/2.55 NM TO RW22 5940*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:323 HAT: 0.85GS ANT:

6. MIN GP INCPT: 7500GP ALT AT FAF : ELYPS 7500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 52.6

8. MSA FROM: RW22 13600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRANY ON V187 SOUTHBOUND AND V319 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NICQE ON V85 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SEZJI ON V85 NORTHBOUND.
CHART SPEED ICON IN PLANVIEW AT HOZZR: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT DUSCA: MAX 180 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD SE, LT, 326.37 INBOUND.
FAS OBST: 5333 TERRAIN 443110N/1090046W.
6662 TOWER 443509N/1085101W, 6221 AAO 443609N/1085406W, 5625 AAO 443450N/1085541W.
CHART VDP AT 1.42 NM TO RW22*
*LNAV ONLY.
WAAS CHANNEL # 90543
REFERENCE PATH ID: W22A
LTP HAE: 1535 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ NA WHEN LOCAL WEATHER NOT AVAILABLE.; STANDARD - CAT C 900-2 1/2, CAT D 1900-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	5399	1	323	5399	1	323	5399	1	323	5399	1	323			
LNAV MDA	5600	1	524	5600	1	524	5600	1 1/2	524	5600	1 1/2	524			
CIRCLING	5780	1	678	5900	1	798	5940	2 1/2	838	7000	3	1898			



CHANGES - REASONS

1. FINAL: NEW STEPDOWN FIX JACKB INSERTED AFTER ELYPS (FAF) AND BEFORE THE STEPDOWN FIX COYAV ON THE LNAV FINAL - PER ORIGINAL FPT CHECKLIST.
2. FINAL: DISTANCE FROM COYAV (SD) TO JUSIL (SD) CHANGED FROM 3.52 NM TO 2.07 NM - RESULT OF NEW STEPDOWN FIX JACKB.
3. FINAL: DISTANCE FROM JUSIL (SD) TO RW22 (MAP) CHANGED FROM 2.74 NM TO 2.55 NM - RESULT OF NEW STEPDOWN FIX JACKB.
4. FINAL: END ALTITUDE AT COYAV (SD) CHANGED FROM 7120 FT TO 6580 FT - ADDITION OF NEW STEPDOWN FIX IN FINAL LNAV SEGMENT.
5. FINAL: END ALTITUDE AT JUSIL (SD) CHANGED FROM 6000 FT TO 5940 FT - ADDITION OF NEW STEPDOWN FIX IN FINAL LNAV SEGMENT.
6. DESCENT ANGLE CHANGED FROM 3.50 TO 3.00 - PER FPT CHECKLIST.
7. PROFILE LINE 4: CHANGED FROM "DUSCA 8400, ELYPS 7500, COYAV/6.26 NM TO RW22 7120*, JUSIL/2.74 NM TO RW22 6000*" TO " DUSCA 8400, ELYPS 7500, JACKB/6.25 NM TO RW22 7120*, COYAV/4.62 NM TO RW22 6580*, JUSIL/2.55 NM TO RW22 5940* - ADDITION OF NEW STEPDOWN FIX IN FINAL LNAV SEGMENT PER ORIGINAL CHECKLIST.
8. PROFILE LINE 5: CHANGED FROM "321 HAT: 0.85" TO "323 HAT: 0.85" - DESCENT ANGLE CHANGE FROM 3.50 TO 3.00.
9. PROFILE LINE 7: CHANGED FROM "GP ANGLE: 3.50 AND TCH: 60" TO "GP ANGLE: 3.00 AND TCH: 52.6" - PER FPT CHECKLIST.
10. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 1.47 NM TO RW22*" TO "CHART VDP AT 1.42 NM TO RW22*" - FAC REALIGNMENT.
11. ADDITIONAL FLIGHT DATA: CHANGED WAAS CHANNEL FROM # 93600 TO # 90543 - FULL AMENDMENT.
12. ADDITIONAL FLIGHT DATA: 7:1 OBSTACLES UPDATED FROM "CHART: 6662 TOWER 443509N/1085101W, 5140 TRANSMISSION_LINE 443257N/1085657W" TO "6662 TOWER 443509N/1085101W, 6221 AAO 443609N/1085406W AND 5625 AAO 443449.59N/1085540.70W" - NEW TARGETS BUILD AND ADDITIONAL STEP DOWN FIX.
13. LPV WITH CG 227 TO 6900 FT REMOVED - NO OPERATIONAL IMPROVEMENT.
14. AMENDED LPV DA/HAT/VIS FROM 5457/381/1 1/8 TO 5399/323/1 ALL CATS - NEW TARGETS EVALUATION AND VISICHECKS.
15. AMENDED CIRCLING CAT B MDA/HAA/VIS FROM 5920/818/1 1/4 TO 5900/798/1 - NEW TARGETS EVALUATION.
16. AMENDED CIRCLING CAT D MDA/HAA FROM 6940/1838 TO 7000/1898 - NEW TARGETS EVALUATION.
17. CRC REMAINDER CHANGED FROM "2EECF6C" TO "2AE7325C" - UPDATED TCH AND GPA.
18. UPDATED BACKUP ALTIMETER NOTES LOCATED IN 8260-9 PART C.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZLC, AMGR

FLIGHT CHECKED BY

JORDAN ROLIH

Digitally signed by
DAVID TEFFETELLER **OFFICE**
Nov 23, 2020

DATE

DEVELOPED BY

WARDELL HENNING (JAY BAGGETT)

Digitally signed by
DAVID TEFFETELLER **OFFICE**
Nov 23, 2020
AJV-A432

DATE
07/24/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER **OFFICE**
Nov 23, 2020
AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCOD
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	443135.2320N
LTP/FTP LONGITUDE	1090044.9485W
LTP/FTP ELLIPSOIDAL HEIGHT	+15350
FPAP LATITUDE	443040.7615N
FPAP LONGITUDE	1090223.4970W
THRESHOLD CROSSING HEIGHT (TCH)	00052.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2AE7325C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+15471
FPAP ORTHOMETRIC HEIGHT	+15471

